

Customer No.: 31561  
Application No.: 10/604,248  
Docket No.: 9174-US-PA

**AMENDMENT**

**To the Claims:**

1. (currently amended) A noise suppressing method for a flat panel display driven by a time controller and a plurality of driver IC's, the noise suppressing method comprising:  
providing a signal detect circuit and a video signal processor; and  
detecting whether a signal input to the flat panel display is stable by the signal detect circuit when the flat panel display is switched-on, and when the signal is unstable, controlling the driver IC's to output a black burst signal by the video signal processor.
2. (original) The noise suppressing method according to claim 1, further comprising embedding the signal detect signal in the time controller IC.
3. (original) The noise suppressing method according to claim 1, further comprising embedding the video signal processor in the time controller IC.
4. (original) The noise suppressing method according to claim 1, wherein the video signal processor controls the driver IC's to output a normal display signal when the signal detected by the signal detect circuit is stable.

Claims 5-7. (canceled).

8. (previously presented and withdrawn) The noise suppressing method according to claim 1, further comprising:

Customer No.: 31561  
Application No.: 10/604,248  
Docket No.: 9174-US-PA

controlling the driver IC's to output a charge reset signal by the video signal processor when a switch-off signal is detected by the signal detect circuit while switching off the flat panel display, and switching off the flat panel display after charge reset operation is performed.

9. (withdrawn) The noise suppressing method according to claim 8, further comprising embedding the signal detect signal in the time controller IC.

10. (withdrawn) The noise suppressing method according to claim 8, further comprising embedding the video signal processor in the time controller IC.

11. (withdrawn) The noise suppressing method according to claim 8, further comprising controlling the driver IC's to output a normal display signal by the video signal processor when the signal detected by the signal detect circuit is stable.

12. (new) The noise suppressing method according to claim 1, wherein when the flat panel display is driven with a normally white type, a voltage differential between a white signal  $V_{white}$  and a common voltage  $V_{common}$  applied to the flat panel display is smaller than a voltage differential between a black signal  $V_{black}$  and the common voltage  $V_{common}$ , such that the video signal processor controls the driver IC to output the black signal  $V_{black}$  with a larger voltage differential from the common voltage  $V_{common}$  so as to display a black burst when the flat panel display is switched-on.

13. (new) The noise suppressing method according to claim 1, wherein when the flat panel display is driven with a normally black type, a voltage differential between a white signal  $V_{white}$  and a common voltage  $V_{common}$  applied to the flat panel display is larger than a voltage

Customer No.: 31561  
Application No.: 10/604,248  
Docket No.: 9174-US-PA

differential between a black signal  $V_{black}$  and the common voltage  $V_{common}$ , such that the video signal processor controls the driver IC to output the black signal  $V_{black}$  with a smaller voltage differential from the common voltage  $V_{common}$  so as to display a black burst when the flat panel display is switched-on.

14. (new and withdrawn) The noise suppressing method according to claim 8, wherein when the flat panel display is driven with a normally white type, a voltage differential between a white signal  $V_{white}$  and a common voltage  $V_{common}$  applied to the flat panel display is smaller than a voltage differential between a black signal  $V_{black}$  and the common voltage  $V_{common}$ , such that the video signal processor controls the driver IC to output the white signal  $V_{white}$  which is the charge reset signal, and thus the flat panel display can perform charge reset before the flat panel display is switched off.

15. (new and withdrawn) The noise suppressing method according to claim 8, wherein when the flat panel display is driven with a normally black type, a voltage differential between a white signal  $V_{white}$  and a common voltage  $V_{common}$  applied to the flat panel display is larger than a voltage differential between a black signal  $V_{black}$  and the common voltage  $V_{common}$ , such that the video signal processor controls the driver IC to output the black signal  $V_{black}$  which is the charge reset signal, and thus the flat panel display can perform charge reset before the flat panel display is switched off.